CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

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This is UNEVALUATED Information

THE SOURCE EVALUATIONS IN THIS REPORT ARE DEFINITIVE.
THE APPRAISAL OF CONTENT IS TENTATIVE.
(FOR KEY SEE REVERSE)

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1. The official research plan for 1953 has now been authorized for this plant. It encompasses in all about 51 assignments[1] and envisages a planned outlay of 4,600,000 DM East. Some of these assignments are presented below.

2. The research plan is divided into two parts: the so-called "Research" assignments, which are primarily basic research assignments on new themes, and the "Process" assignments, which are directed mainly at the further industrial development of existing processes. The former assignments are allotted, in this plan, serial numbers beginning with F (Forschung=research), and the latter, serial numbers beginning with V (Verfahren = process).

3. Each assignment is allotted additional code numbers indicating the stage to which it is to be carried. These code numbers are different for the F and V assignments. They are as follows:

   a. F-assignments (3 stages)

      1 = Scientific report (Wissenschaftlicher Bericht), the assembling of relevant literature and so on.

      2 = Construction of experimental apparatus (Bau von Versuchs-Apparat).

      3 = Conducting test runs (Herstellung von Proben).

   b. V-assignments (8 stages)

      1 = Scientific report.

      2 = Production of ready-to-build plans (Fertigungsreife Konstruktionsunterlagen).

      3 = Construction of a prototype plant ready for production (Bau von fertingungsreifen Mustern).

      4 = Test report (Erprobungs-Bericht).

      5 = Production of so-called O-series (Fertigung von Null-Serien: Null-Serien represents what may be described as trade samples).

25 YEAR RE-REVIEW

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STATE	X	ARMY	X	NAVY	X	AIR	X	FBI		AEC		OSI Ev	X		

(Note: Washington Distribution Indicated By "X"; Field Distribution By "#")

6 - Scientific report on small scale experimental plant and "recipes" (Wissenschaftlicher Bericht ueber klein-technische Versuche und Rezepturen, gegebenfalls Proben).

7 - Plans and drawings for projected large scale production experiments (Projektierungs-Unterlage fuer gross-technische Versuche).

8 - Scientific report on large scale production experiments and advance planning for production (Wissenschaftlicher Bericht uber gross-technische Versuche , Vorschrift fuer Produktion).

4. In addition, certain important assignments are distinguished by being noted as "Volks-wirtschaftlich wichtig" (VWW), or important for the national economy.

1953 Research and Development Program

Reference Numbers[2]	Assignment:	Stage:	Responsible Person:	Cash allocated	Remarks:
F3 - 01	Alumina production (Tonerde).		Dr. Kunzel-Maehner and Dr. Holst		A continuation of work on Specketer and Peniakoff processes.
F3 - 02	Cerium oxide from "Kohle-Apatit" (Ceroxyd aus Kohle-Apatit).		Dr. Kunzel-Maehner and Dr. Holst		The raw material will be a by-product of the "Nitrophos" fertilizer works, and a cerium oxide production of 100 tons a year is envisaged.
F3 - 03	Titanium metal.	1 & 2	Dr. Gebhardt	1 x 10,500 DM	VVW Task. Based on the Kroll ($TiCl_4 + Mg$) process.
F3 - 04	Iron powder (Eisenpulver mit hohen magnetischen Gütewerten)		Ch. Ing. Henneberger		Further development of existing reduction process.
F3 - 05	Iron alloys by alumino-thermic process.		Dip. Ing. Haensel		Ferro-niobium, ferro-manganese and so on.
F3 - 06	Welding electrodes for light alloys.		Dip. Ing. Haensel		
F3 - 07	Aluminium-Magnesium alloys		Drs. Seliger & Zimmermann		VVW assignment.
F3 - 08	Lead bearing metals		Drs. Seliger & Zimmermann		VVW assignment.
F3 - 09	High-duty cast iron (Hochfestes Guss Eisen)		Drs. Seliger & Zimmermann		VVW assignment.
F3 - 10	Fluorine polymers (Fluorpolymerisate)	1,2,3	Dr. Schumann	1.2×10^5 DM	
F3 - 11	Granule polymerization of PVC (PVC: Perl-Polymerization)	1,2,3		1.5×10^5 DM	Intention; to polymerize in non-aqueous medium to give better electrical properties.

Reference Numbers	Assignment	Stages	Responsible Persons	Cash allocated:	Remarks:
F3 - 12	Pressure chlorination of PVC (PVC: Druckchlorierung)	1,2,3		0.6×10^5 DM	For production of PC
F3 - 13	Production of PC spinning solutions (PC-Stammloesungen zu verspinnen)	1,2,3		0.5×10^5 DM	
F3 - 14	PVC mixed polymers	1,2,3		0.1×10^5 DM	
F3 - 15	Esters of dicarboxylic acids	1 & 3		0.6×10^5 DM	For plasticizers
F3 - 16	Stabilizors	1,2,3		0.4×10^5 DM	
F3 - 17	Use of tar in manufacture of plastics. (Teerverwendung fuer Kunststoffe).	1,2,3		1.0×10^5 DM	
F3 - 18	Perchlorethylene from chloroform and chlorine	1,2,3		0.5×10^5 DM	
F3 - 19	Pentachlorophenol (From the by-products of the hexachlorocyclohexane process)	1 & 3		0.5×10^5 DM	For wood preservative
F3 - 20	Trichlorostyrene. (From the by-products of the hexachlorocyclohexane process).	1 & 3		0.6×10^5 DM	
F3 - 21	Polarographic experiments		Originally Dr. Wehmer[3]		
F3 - 22	Oxide contact-catalysts for NH_3 oxidation	1 & 3		0.72×10^5 DM	

Reference Number	Assignment	Stage	Responsible Person:	Cash allocated	Remarks:
F3 - 23	The influence of impurities on the chemical polishing of light alloys. (Einfluss von Verunreinigungen beim chemischen Glaenzen von Leichtmetallen)	1		0.16 x 10^5 DM	
F3 - 24	Weed killers (Unkraut Vertilgungsmittel)	1 & 3		0.25 x 10^5 DM	
F3 - 25	Estimation of Gamma isomer in hexachlorocyclohexane mixed isomer mixture	1		0.15 x 10^5 DM	
F3 - 26	Pest exterminators (Soil)	1 & 3		0.25 x 10^5 DM	
V3 - 03	Fluorine production and use 1. Building of 1,000 Amp. cell for elementary F_2 production. 2. Building of experimental cell for fluorination of hydrocarbons by electrolysis in H_2F_2 solution.	6 & 7	Dr. Gebhardt	1.0 x 10^5 DM	After Simons
V3 - 04	Production of tantalum metal	6 & 7	Dr. Gebhardt	0.6 x 10^5 DM	In 1945 EKB bought 200 tons of an unknown metal mixture containing Fe Nb Ta Ti C Si etc. This will be worked up for its Ta content.
V3 - 05	Spinning-layer process to replace a rotating kiln. (Wirbelschicht-Verfahren an Stelle eines Drehofens)	4,6,7	Originally Dr. Wehner	1.0 x 10^5 DM	A VVW assignment
V3 - 06	Metal stabilizers, e.g. Bleimentanat (sic) and lead oxychloride	8			

1. [redacted] Comment: [redacted] none of these assignments emanated directly from the Russian authorities and [redacted] the only Russian-inspired research assignment remaining in the factory is the chlorinating kiln. [redacted] the assignments were designated only by the four symbol code numbers shown; this would seem to indicate that ZAFT is not in the habit of passing its full reference to individual concerns. This may be a security measure to prevent the works concerned from finding out the originator of the assignment inspired, since the first six figures of the ZAFT reference numbers indicate the authority requesting the work to be done. In this case, however, [redacted] the majority of these assignments were suggested by the EKB itself. 25X1 25X1 25X1

2. [redacted] Comment: The F and V code numbers quoted here are clearly the latter half of the full Zentralamt fuer Forschung und Technik (ZAFT) reference numbers. The three following the initial letter indicates a task of the 1953 plan. 25X1

3. [redacted] Comment: Dr. Wehner was appointed successor to Dr. Schulze who fled to the West and therefore will not be able to be in charge of individual assignments. Dr. Wehner's successor for these assignments had not been designated. 25X1

4. [redacted] Comment: Not further identified [redacted] 25X1